GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: September 22, 2003, 15:49:08 ; Search time 34 Seconds
(without alignments)
3520.890 Million cell updates/sec

Title: US-09-116-676-10
Perfect score: 4363
Sequence: 1 MICQKFCVVLLHWEFIYVIT.....WLRISSSVKKYYIHGKFTIL 804

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 556269 seqs, 148893369 residues

Total number of hits satisfying chosen parameters: 556269

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*
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15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep:*
16: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep:*
17: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:*
18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	4363	100.0	804	11	US-09-116-676-10	Sequence 10, Appl
2	4337	99.4	896	8	US-08-779-457-3	Sequence 3, Appli
3	4337	99.4	896	15	US-10-214-802-3	Sequence 3, Appli
4	4337	99.4	923	8	US-08-779-457-4	Sequence 4, Appli
5	4337	99.4	923	15	US-10-214-802-4	Sequence 4, Appli
6	4337	99.4	1165	8	US-08-779-457-2	Sequence 2, Appli
7	4337	99.4	1165	14	US-10-095-929-11	Sequence 11, Appl
8	4337	99.4	1165	15	US-10-214-802-2	Sequence 2, Appli
9	4337	99.4	1165	15	US-10-226-579-4	Sequence 4, Appli
10	4325	99.1	896	14	US-10-095-929-10	Sequence 10, Appl
11	4325	99.1	906	14	US-10-095-929-9	Sequence 9, Appli
12	4325	99.1	958	14	US-10-095-929-8	Sequence 8, Appli
13	4323	99.1	1165	14	US-10-079-625-4	Sequence 4, Appli
14	4320	99.0	960	14	US-10-095-929-3	Sequence 3, Appli
15	4315	98.9	898	15	US-10-245-616-3	Sequence 3, Appli
16	3345	76.7	894	8	US-08-779-457-51	Sequence 51, Appl
17	3345	76.7	894	14	US-10-079-625-2	Sequence 2, Appli
18	3345	76.7	1162	14	US-10-079-625-43	Sequence 43, Appl
19	3344	76.6	894	14	US-10-095-929-12	Sequence 12, Appl
20	3339	76.5	1162	15	US-10-226-579-2	Sequence 2, Appli
21	3143	72.0	783	8	US-08-779-457-7	Sequence 7, Appli
22	3143	72.0	783	15	US-10-214-802-7	Sequence 7, Appli
23	351	8.0	1158	10	US-09-935-868-26	Sequence 26, Appl
24	351	8.0	1158	12	US-10-282-162-26	Sequence 26, Appl
25	351	8.0	1158	15	US-10-287-035-26	Sequence 26, Appl
26	343	7.9	1168	10	US-09-935-868-24	Sequence 24, Appl
27	343	7.9	1168	12	US-10-282-162-24	Sequence 24, Appl
28	343	7.9	1168	15	US-10-287-035-24	Sequence 24, Appl
29	277.5	6.4	488	14	US-10-079-625-5	Sequence 5, Appli
30	277.5	6.4	708	15	US-10-313-135-2	Sequence 2, Appli
31	277.5	6.4	859	10	US-09-935-868-7	Sequence 7, Appli
32	277.5	6.4	859	12	US-10-282-162-7	Sequence 7, Appli
33	277.5	6.4	859	15	US-10-287-035-7	Sequence 7, Appli
34	277.5	6.4	918	11	US-09-972-708-8	Sequence 8, Appli
35	277.5	6.4	918	15	US-10-177-293-230	Sequence 230, App
36	277.5	6.4	951	10	US-09-935-868-9	Sequence 9, Appli
37	277.5	6.4	951	12	US-10-282-162-9	Sequence 9, Appli
38	277.5	6.4	951	15	US-10-287-035-9	Sequence 9, Appli
39	242.5	5.6	836	11	US-09-972-708-9	Sequence 9, Appli
40	241.5	5.5	603	12	US-10-071-962-27	Sequence 27, Appl
41	221.5	5.1	1097	11	US-09-972-708-6	Sequence 6, Appli
42	220	5.0	2301	11	US-09-822-871-4	Sequence 4, Appli
43	218	5.0	2291	11	US-09-822-871-2	Sequence 2, Appli
44	212.5	4.9	979	11	US-09-972-708-7	Sequence 7, Appli
45	212.5	4.9	979	15	US-10-313-135-6	Sequence 6, Appli

ALIGNMENTS

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RESULT 1
US-09-116-676-10
; Sequence 10, Application US/09116676
; Publication No. US20030073829A1
;  GENERAL INFORMATION:
;    APPLICANT:  Borowsky, Beth
;    TITLE OF INVENTION:  DNA ENCODING A HUMAN Ob RECEPTOR
;    TITLE OF INVENTION:  (hOb-Re) AND USES THEREOF
;    NUMBER OF SEQUENCES:  29
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Cooper & Dunham LLP
;      STREET:  1185 Avenue of the Americas
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  USA
;      ZIP:  10036
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/116,676
;      FILING DATE:
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  White, John P
;      REGISTRATION NUMBER:  28,678
;      REFERENCE/DOCKET NUMBER:  1795-53801/JPW/KDB
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  212 278 0400
;      TELEFAX:  212 291 0525
;  INFORMATION FOR SEQ ID NO:  10:
;    SEQUENCE CHARACTERISTICS:
;     LENGTH: 804 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
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US-09-116-676-10

Query Match 100.0%; Score 4363; DB 11; Length 804;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 804; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
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Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
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Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
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Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
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Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
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Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
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Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
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Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
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Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
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Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
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Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKFTIL 804
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Db        781 GEIKWLRISSSVKKYYIHGKFTIL 804
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RESULT 2
US-08-779-457-3
; Sequence 3, Application US/08779457
; Publication No. US20020193571A1
; GENERAL INFORMATION:
; APPLICANT: Carter, Paul J.
; APPLICANT: Chiang, Nancy Y.
; APPLICANT: Kyung, Jin Kim
; APPLICANT: Matthews, William
; APPLICANT: Rodrigues, Maria L.
; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,457
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/667197
; FILING DATE: 06/20/96
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 896 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
US-08-779-457-3

Query Match 99.4%; Score 4337; DB 8; Length 896;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
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Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
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Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
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Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
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Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
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Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
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Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
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Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
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Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 3
US-10-214-802-3
; Sequence 3, Application US/10214802
; Publication No. US20030004109A1
;   GENERAL INFORMATION:
;        APPLICANT: Matthews, William
;                   Bennett, Brian
;        TITLE OF INVENTION: WSX RECEPTOR
;        NUMBER OF SEQUENCES: 45
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Genentech, Inc.
;             STREET: 460 Point San Bruno Blvd
;             CITY: South San Francisco
;             STATE: California
;             COUNTRY: USA
;             ZIP: 94080
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: WinPatin (Genentech)
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/10/214,802
;             FILING DATE: 06-Aug-2002
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US/08/780,562
;             FILING DATE: <Unknown>
;             APPLICATION NUMBER: 08/585005
;             FILING DATE: 08-Jan-97
;             APPLICATION NUMBER: 60/
;             FILING DATE: 08-Jan-97
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Lee, Wendy M.
;             REGISTRATION NUMBER: 40,378
;             REFERENCE/DOCKET NUMBER: P0986R1
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 415/225-1994
;             TELEFAX: 415/952-9881
;             TELEX: 910/371-7168
;   INFORMATION FOR SEQ ID NO: 3:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 896 amino acids
;             TYPE: Amino Acid
;             TOPOLOGY: Linear
;        SEQUENCE DESCRIPTION: SEQ ID NO: 3:

US-10-214-802-3

  Query Match            99.4%;  Score 4337;  DB 15;  Length 896;
  Best Local Similarity  99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

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Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
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Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              |||||||||||||||||  |
Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 4
US-08-779-457-4
; Sequence 4, Application US/08779457
; Publication No. US20020193571A1
;  GENERAL INFORMATION:
;    APPLICANT:  Carter, Paul J.
;    APPLICANT:  Chiang, Nancy Y.
;    APPLICANT:  Kyung, Jin Kim
;    APPLICANT:  Matthews, William
;    APPLICANT:  Rodrigues, Maria L.
```

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;    TITLE OF INVENTION:  WSX RECEPTOR AGONIST ANTIBODIES
;    NUMBER OF SEQUENCES:  51
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Genentech, Inc.
;      STREET:  460 Point San Bruno Blvd
;      CITY:  South San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94080
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  3.5 inch, 1.44 Mb floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  WinPatin (Genentech)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/779,457
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/667197
;      FILING DATE:  06/20/96
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/585005
;      FILING DATE:  01/08/96
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Lee, Wendy M.
;      REGISTRATION NUMBER:  40,378
;      REFERENCE/DOCKET NUMBER:  P0986P2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415/225-1994
;      TELEFAX:  415/952-9881
;      TELEX:  910/371-7168
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  923 amino acids
;      TYPE:  Amino Acid
;      TOPOLOGY:  Linear
US-08-779-457-4

  Query Match             99.4%;  Score 4337;  DB 8;  Length 923;
  Best Local Similarity   99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              |||||||||||||||||| |
Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 5
US-10-214-802-4
; Sequence 4, Application US/10214802
; Publication No. US20030004109A1
;   GENERAL INFORMATION:
;        APPLICANT: Matthews, William
;                   Bennett, Brian
;        TITLE OF INVENTION: WSX RECEPTOR
;        NUMBER OF SEQUENCES: 45
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Genentech, Inc.
;             STREET: 460 Point San Bruno Blvd
;             CITY: South San Francisco
;             STATE: California
;             COUNTRY: USA
;             ZIP: 94080
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: WinPatin (Genentech)
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/10/214,802
;             FILING DATE: 06-Aug-2002
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US/08/780,562
;             FILING DATE: <Unknown>
;             APPLICATION NUMBER: 08/585005
;             FILING DATE: 08-Jan-97
;             APPLICATION NUMBER: 60/
;             FILING DATE: 08-Jan-97
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Lee, Wendy M.
;             REGISTRATION NUMBER: 40,378
;             REFERENCE/DOCKET NUMBER: P0986R1
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 415/225-1994
;             TELEFAX: 415/952-9881
;             TELEX: 910/371-7168
;   INFORMATION FOR SEQ ID NO: 4:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 923 amino acids
;             TYPE: Amino Acid
;             TOPOLOGY: Linear
;        SEQUENCE DESCRIPTION: SEQ ID NO: 4:
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US-10-214-802-4

Query Match 99.4%; Score 4337; DB 15; Length 923;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              |||||||||||||||||| |
Db        781 GEIKWLRISSSVKKYYIHDHF 801
```

RESULT 6
US-08-779-457-2
; Sequence 2, Application US/08779457
; Publication No. US20020193571A1
; GENERAL INFORMATION:
; APPLICANT: Carter, Paul J.
; APPLICANT: Chiang, Nancy Y.
; APPLICANT: Kyung, Jin Kim
; APPLICANT: Matthews, William
; APPLICANT: Rodrigues, Maria L.
; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,457
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/667197
; FILING DATE: 06/20/96
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1165 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
US-08-779-457-2

Query Match 99.4%; Score 4337; DB 8; Length 1165;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Db        421 RYAELYVIDVNININSCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              ||||||||||||||||||  |
Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 7
US-10-095-929-11
; Sequence 11, Application US/10095929
; Publication No. US20020197232A1
;   GENERAL INFORMATION:
;        APPLICANT: Snodgrass, H. Ralph
;                   Cioffi, Joseph
;                   Zupancic, Thomas Joel
;                   Shafer, Alan Wayne
;        TITLE OF INVENTION: METHODS FOR USING THE OBESE
;                            GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC
;                            DEVELOPMENT
;        NUMBER OF SEQUENCES: 28
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Pennie & Edmonds LLP
;             STREET: 1155 Avenue of The Americas
;             CITY: New York
;             STATE: NY
;             COUNTRY: USA
;             ZIP: 10036-2811
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Diskette
;             COMPUTER: IBM Compatible
;             OPERATING SYSTEM: DOS
;             SOFTWARE: FastSEQ Version 2.0
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/10/095,929
;             FILING DATE: 12-Mar-2002
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: 08/618,957
;             FILING DATE: <Unknown>
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Poissant, Brian M.
;             REGISTRATION NUMBER: 28,462
;             REFERENCE/DOCKET NUMBER: 008907-0033-999
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 650-493-4935
;             TELEFAX: 650-493-5556
;             TELEX: 66141 PENNIE
;   INFORMATION FOR SEQ ID NO: 11:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 1165 amino acids
;             TYPE: amino acid
;             STRANDEDNESS: single
;             TOPOLOGY: linear
;        MOLECULE TYPE: protein
;        SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-10-095-929-11

  Query Match            99.4%;  Score 4337;  DB 14;  Length 1165;
  Best Local Similarity  99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNININSCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNININSCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              ||||||||||||||||||  |
Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 8
US-10-214-802-2
; Sequence 2, Application US/10214802
; Publication No. US20030004109A1
;   GENERAL INFORMATION:
;        APPLICANT: Matthews, William
;                   Bennett, Brian
;        TITLE OF INVENTION: WSX RECEPTOR
```

```
;       NUMBER OF SEQUENCES: 45
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: Genentech, Inc.
;            STREET: 460 Point San Bruno Blvd
;            CITY: South San Francisco
;            STATE: California
;            COUNTRY: USA
;            ZIP: 94080
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
;            COMPUTER: IBM PC compatible
;            OPERATING SYSTEM: PC-DOS/MS-DOS
;            SOFTWARE: WinPatin (Genentech)
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/10/214,802
;            FILING DATE: 06-Aug-2002
;            CLASSIFICATION: <Unknown>
;       PRIOR APPLICATION DATA:
;            APPLICATION NUMBER: US/08/780,562
;            FILING DATE: <Unknown>
;            APPLICATION NUMBER: 08/585005
;            FILING DATE: 08-Jan-97
;            APPLICATION NUMBER: 60/
;            FILING DATE: 08-Jan-97
;       ATTORNEY/AGENT INFORMATION:
;            NAME: Lee, Wendy M.
;            REGISTRATION NUMBER: 40,378
;            REFERENCE/DOCKET NUMBER: P0986R1
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: 415/225-1994
;            TELEFAX: 415/952-9881
;            TELEX: 910/371-7168
;   INFORMATION FOR SEQ ID NO: 2:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 1165 amino acids
;            TYPE: Amino Acid
;            TOPOLOGY: Linear
;       SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-214-802-2

  Query Match             99.4%;  Score 4337;  DB 15;  Length 1165;
  Best Local Similarity   99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              |||||JJ||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              |||||||||||||||||  |
Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 9
US-10-226-579-4
; Sequence 4, Application US/10226579
; Publication No. US20030073634A1
; GENERAL INFORMATION:
;  APPLICANT: Myers, Martin
;  TITLE OF INVENTION: METHODS OF TREATING OBESITY
;  FILE REFERENCE: 10276-071001
;  CURRENT APPLICATION NUMBER: US/10/226,579
;  CURRENT FILING DATE:  2002-08-23
;  PRIOR APPLICATION NUMBER: US 60/314,976
;  PRIOR FILING DATE: 2001-08-24
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
;   LENGTH: 1165
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-226-579-4

  Query Match             99.4%;  Score 4337;  DB 15;  Length 1165;
  Best Local Similarity   99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
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                 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
                 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
                 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
                 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
                 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
                 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
                 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
                 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
                 |||||||||||||||||  |
Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 10
US-10-095-929-10
; Sequence 10, Application US/10095929
; Publication No. US20020197232A1
;   GENERAL INFORMATION:
;        APPLICANT: Snodgrass, H. Ralph
;                   Cioffi, Joseph
;                   Zupancic, Thomas Joel
;                   Shafer, Alan Wayne
;        TITLE OF INVENTION: METHODS FOR USING THE OBESE
;                            GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC
;                            DEVELOPMENT
;        NUMBER OF SEQUENCES: 28
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Pennie & Edmonds LLP
;             STREET: 1155 Avenue of The Americas
;             CITY: New York
;             STATE: NY
;             COUNTRY: USA
;             ZIP: 10036-2811
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Diskette
;             COMPUTER: IBM Compatible
;             OPERATING SYSTEM: DOS
;             SOFTWARE: FastSEQ Version 2.0
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/10/095,929
;             FILING DATE: 12-Mar-2002
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: 08/618,957
;             FILING DATE: <Unknown>
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Poissant, Brian M.
;             REGISTRATION NUMBER: 28,462
;             REFERENCE/DOCKET NUMBER: 008907-0033-999
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 650-493-4935
;             TELEFAX: 650-493-5556
;             TELEX: 66141 PENNIE
;   INFORMATION FOR SEQ ID NO: 10:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 896 amino acids
;             TYPE: amino acid
;             STRANDEDNESS: single
;             TOPOLOGY: linear
;        MOLECULE TYPE: protein
;        SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-095-929-10

  Query Match           99.1%;  Score 4325;  DB 14;  Length 896;
  Best Local Similarity  99.4%;  Pred. No. 0;
  Matches  796;  Conservative    2;  Mismatches    3;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKATFHCCFRSEQDRNCSLCADNIEGRTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFRSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              |||||||||||||||||  |
Db        781 GEIKWLRISSSVKKYYIHDHF 801
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RESULT 11
US-10-095-929-9
; Sequence 9, Application US/10095929
; Publication No. US20020197232A1
;  GENERAL INFORMATION:
;       APPLICANT: Snodgrass, H. Ralph
;                  Cioffi, Joseph
;                  Zupancic, Thomas Joel
;                  Shafer, Alan Wayne
;       TITLE OF INVENTION: METHODS FOR USING THE OBESE
;                           GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC
;                           DEVELOPMENT
;       NUMBER OF SEQUENCES: 28
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: Pennie & Edmonds LLP
;            STREET: 1155 Avenue of The Americas
;            CITY: New York
;            STATE: NY
;            COUNTRY: USA
;            ZIP: 10036-2811
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: Diskette
;            COMPUTER: IBM Compatible
;            OPERATING SYSTEM: DOS
;            SOFTWARE: FastSEQ Version 2.0
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/10/095,929
;            FILING DATE: 12-Mar-2002
;            CLASSIFICATION: <Unknown>
;       PRIOR APPLICATION DATA:
;            APPLICATION NUMBER: 08/618,957
;            FILING DATE: <Unknown>
;       ATTORNEY/AGENT INFORMATION:
;            NAME: Poissant, Brian M.
;            REGISTRATION NUMBER: 28,462
;            REFERENCE/DOCKET NUMBER: 008907-0033-999
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: 650-493-4935
;            TELEFAX: 650-493-5556
;            TELEX: 66141 PENNIE
;   INFORMATION FOR SEQ ID NO: 9:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 906 amino acids
;            TYPE: amino acid
;            STRANDEDNESS: single
;            TOPOLOGY: linear
;       MOLECULE TYPE: protein
;       SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-095-929-9

  Query Match           99.1%;  Score 4325;  DB 14;  Length 906;
  Best Local Similarity  99.4%;  Pred. No. 0;
  Matches  796;  Conservative    2;  Mismatches    3;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              |||||||||||||||||||||| |||||||||||||||||||:||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKATFHCCFRSEQDRNCSLCADNIEGRTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||:||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFRSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              |||||||||||||||||| |
Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 12
US-10-095-929-8
; Sequence 8, Application US/10095929
; Publication No. US20020197232A1
;  GENERAL INFORMATION:
;       APPLICANT: Snodgrass, H. Ralph
;                  Cioffi, Joseph
;                  Zupancic, Thomas Joel
;                  Shafer, Alan Wayne
;       TITLE OF INVENTION: METHODS FOR USING THE OBESE
;                           GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETI
;                           DEVELOPMENT
;       NUMBER OF SEQUENCES: 28
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: Pennie & Edmonds LLP
;            STREET: 1155 Avenue of The Americas
;            CITY: New York
;            STATE: NY
;            COUNTRY: USA
;            ZIP: 10036-2811
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: Diskette
;            COMPUTER: IBM Compatible
;            OPERATING SYSTEM: DOS
;            SOFTWARE: FastSEQ Version 2.0
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/10/095,929
;            FILING DATE: 12-Mar-2002
;            CLASSIFICATION: <Unknown>
;       PRIOR APPLICATION DATA:
;            APPLICATION NUMBER: 08/618,957
;            FILING DATE: <Unknown>
;       ATTORNEY/AGENT INFORMATION:
;            NAME: Poissant, Brian M.
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;            REGISTRATION NUMBER: 28,462
;            REFERENCE/DOCKET NUMBER: 008907-0033-999
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: 650-493-4935
;            TELEFAX: 650-493-5556
;            TELEX: 66141 PENNIE
;   INFORMATION FOR SEQ ID NO: 8:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 958 amino acids
;            TYPE: amino acid
;            STRANDEDNESS: single
;            TOPOLOGY: linear
;       MOLECULE TYPE: protein
;       SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-10-095-929-8

  Query Match           99.1%;  Score 4325;  DB 14;  Length 958;
  Best Local Similarity  99.4%;  Pred. No. 0;
  Matches  796;  Conservative    2;  Mismatches    3;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              |||||||||||||||||||||| |||||||||||||||||||||:||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKATFHCCFRSEQDRNCSLCADNIEGRTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||:||||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFRSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              |||||||||||||||||||||
Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 13
US-10-079-625-4
; Sequence 4, Application US/10079625
; Publication No. US20020182676A1
;  GENERAL INFORMATION:
;    APPLICANT:  Tartaglia, Louis A.
;    APPLICANT:  Tepper, Robert I.
;    APPLICANT:  Culpepper, Janice A.
;    APPLICANT:  White, David W.
;    TITLE OF INVENTION:  THE OB RECEPTOR AND METHODS FOR
;    TITLE OF INVENTION:  THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
;    TITLE OF INVENTION:  INCLUDING OBESITY AND CACHEXIA
;    NUMBER OF SEQUENCES:  50
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson, P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  US
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows95
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/10/079,625
;      FILING DATE:  2002-FEB-19
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/864,564
;      FILING DATE:  28-MAY-1997
;      APPLICATION NUMBER:  08/708,123
;      FILING DATE:  03-SEP-1996
;      APPLICATION NUMBER:  08/638,524
;      FILING DATE:  26-APR-1996
;      APPLICATION NUMBER:  08/599,455
;      FILING DATE:  22-JAN-1996
;      APPLICATION NUMBER:  08/583,153
;      FILING DATE:  28-DEC-1995
;      APPLICATION NUMBER:  08/570,142
;      FILING DATE:  11-DEC-1995
;      APPLICATION NUMBER:  08/569,485
;      FILING DATE:  08-DEC-1995
;      APPLICATION NUMBER:  08/566,622
;      FILING DATE:  04-DEC-1995
;      APPLICATION NUMBER:  08/562,663
;      FILING DATE:  27-NOV-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Meiklejohn, Ph.D., Anita L.
;      REGISTRATION NUMBER:  35,283
;      REFERENCE/DOCKET NUMBER:  07334/019002
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-542-5070
;      TELEFAX:  617-542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1165 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;    FRAGMENT TYPE:  internal
US-10-079-625-4

  Query Match           99.1%;  Score 4323;  DB 14;  Length 1165;
  Best Local Similarity  99.5%;  Pred. No. 0;
  Matches  797;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
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Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
                |||||||||||||||||||||||||||||||||||||||| |||||||||||||| |
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDLPPTCVLPDSVVKPLSP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
                |||||||||||||||||  |
Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 14
US-10-095-929-3
; Sequence 3, Application US/10095929
; Publication No. US20020197232A1
;   GENERAL INFORMATION:
;        APPLICANT: Snodgrass, H. Ralph
;                   Cioffi, Joseph
;                   Zupancic, Thomas Joel
;                   Shafer, Alan Wayne
;        TITLE OF INVENTION: METHODS FOR USING THE OBESE
;                            GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC
;                            DEVELOPMENT
;        NUMBER OF SEQUENCES: 28
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Pennie & Edmonds LLP
;             STREET: 1155 Avenue of The Americas
;             CITY: New York
;             STATE: NY
;             COUNTRY: USA
;             ZIP: 10036-2811
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Diskette
;             COMPUTER: IBM Compatible
;             OPERATING SYSTEM: DOS
;             SOFTWARE: FastSEQ Version 2.0
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/10/095,929
;             FILING DATE: 12-Mar-2002
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: 08/618,957
;             FILING DATE: <Unknown>
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Poissant, Brian M.
;             REGISTRATION NUMBER: 28,462
;             REFERENCE/DOCKET NUMBER: 008907-0033-999
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 650-493-4935
;             TELEFAX: 650-493-5556
;             TELEX: 66141 PENNIE
;   INFORMATION FOR SEQ ID NO: 3:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 960 amino acids
;             TYPE: amino acid
;             STRANDEDNESS: single
;             TOPOLOGY: linear
;        MOLECULE TYPE: protein
;        SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-095-929-3

  Query Match             99.0%;  Score 4320;  DB 14;  Length 960;
  Best Local Similarity   99.3%;  Pred. No. 0;
  Matches  795;  Conservative    2;  Mismatches    4;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          3 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 62

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
                |||||||||||||||||||||| |||||||||||||||||||||||:||||||||||||
Db         63 NGHYETAVEPKFNSSGTHFSNLSKATFHCCFRSEQDRNCSLCADNIEGRTFVSTVNSLVF 122

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
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Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
                |||||||||||||||||||||||||||||||||||||||||||||:|||||||||||||||||
Db        183 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFRSPLMSVQPINMVKPDPP 242

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
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Db        303 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 362

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        363 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 422

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
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Db        423 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 482

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
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Db        543 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 602

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
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RESULT 15
US-10-245-616-3
; Sequence 3, Application US/10245616
; Publication No. US20030082612A1
;   GENERAL INFORMATION:
;        APPLICANT: Snodgrass, H.
;                   Cioffi, Joseph
;                   Zupancic, Thomas
;                   Shafer, Alan
;        TITLE OF INVENTION: DETECTION OF A LEPTIN RECEPTOR VARIANT
;                            AND METHODS FOR REGULATING OBESITY
;        NUMBER OF SEQUENCES: 5
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Pennie & Edmonds
;             STREET: 1155 Avenue of the Americas
;             CITY: New York
;             STATE: New York
;             COUNTRY: US
;             ZIP: 10036-2711
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: PatentIn Release #1.0, Version #1.30
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/10/245,616
;             FILING DATE: 17-Sep-2002
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US 08/588,189
;             FILING DATE: 18-JAN-1996
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Poissant, Brian M
;             REGISTRATION NUMBER: 28,462
;             REFERENCE/DOCKET NUMBER: 8907-101
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: (212) 790-9090
;             TELEFAX: (212) 869-9741
;             TELEX: 66141 PENNIE
;    INFORMATION FOR SEQ ID NO: 3:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 898 amino acids
;             TYPE: amino acid
;             TOPOLOGY: linear
;        MOLECULE TYPE: protein
;        SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-245-616-3

  Query Match           98.9%;  Score 4315;  DB 15;  Length 898;
  Best Local Similarity  99.1%;  Pred. No. 0;
  Matches  794;  Conservative    2;  Mismatches    5;  Indels    0;  Gaps    0;
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Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
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Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
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Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
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Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
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Db        663 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 722

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
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Db        723 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 782

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
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Search completed: September 22, 2003, 15:55:07
Job time : 37 secs
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: September 22, 2003, 15:41:23 ; Search time 20 Seconds
(without alignments)
1700.896 Million cell updates/sec

Title: US-09-116-676-10
Perfect score: 4363
Sequence: 1 MICQKFCVVLLHWEFIYVIT.....WLRISSSVKKYYIHGKFTIL 804

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	4337	99.4	896	4	US-08-780-562-3	Sequence 3, Appli
2	4337	99.4	923	4	US-08-780-562-4	Sequence 4, Appli
3	4337	99.4	1165	2	US-08-599-455B-4	Sequence 4, Appli
4	4337	99.4	1165	3	US-09-093-814-1	Sequence 1, Appli
5	4337	99.4	1165	3	US-09-069-781B-4	Sequence 4, Appli
6	4337	99.4	1165	4	US-08-618-957A-11	Sequence 11, Appl
7	4337	99.4	1165	4	US-09-137-132-4	Sequence 4, Appli
8	4337	99.4	1165	4	US-09-094-410-4	Sequence 4, Appli
9	4337	99.4	1165	4	US-08-708-123D-4	Sequence 4, Appli
10	4337	99.4	1165	4	US-08-583-153A-4	Sequence 4, Appli
11	4337	99.4	1165	4	US-08-570-142D-4	Sequence 4, Appli
12	4337	99.4	1165	4	US-08-780-562-2	Sequence 2, Appli
13	4337	99.4	1165	4	US-08-638-524B-4	Sequence 4, Appli
14	4325	99.1	896	4	US-08-618-957A-10	Sequence 10, Appl
15	4325	99.1	896	4	US-09-357-914-33	Sequence 33, Appl
16	4325	99.1	898	2	US-08-693-697-36	Sequence 36, Appl
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18	4325	99.1	906	4	US-09-357-914-32	Sequence 32, Appl
19	4325	99.1	908	2	US-08-693-697-33	Sequence 33, Appl
20	4325	99.1	958	4	US-08-618-957A-8	Sequence 8, Appli
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30	4315	98.9	908	2	US-08-588-526-3	Sequence 3, Appli
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35	4135	94.8	896	4	US-09-043-816E-13	Sequence 13, Appl
36	3361	77.0	896	2	US-08-640-389A-12	Sequence 12, Appl
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38	3345	76.7	894	3	US-09-069-781B-2	Sequence 2, Appli
39	3345	76.7	894	4	US-09-137-132-2	Sequence 2, Appli
40	3345	76.7	894	4	US-08-864-564A-2	Sequence 2, Appli
41	3345	76.7	894	4	US-09-094-410-2	Sequence 2, Appli
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43	3345	76.7	894	4	US-08-583-153A-2	Sequence 2, Appli
44	3345	76.7	894	4	US-08-570-142D-2	Sequence 2, Appli
45	3345	76.7	894	4	US-08-638-524B-2	Sequence 2, Appli

ALIGNMENTS

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RESULT 1
US-08-780-562-3
; Sequence 3, Application US/08780562
; Patent No. 6541604
;  GENERAL INFORMATION:
;    APPLICANT:  Matthews, William
;    APPLICANT:  Bennett, Brian
;    TITLE OF INVENTION:  WSX RECEPTOR
;    NUMBER OF SEQUENCES:  45
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Genentech, Inc.
;      STREET:  460 Point San Bruno Blvd
;      CITY:  South San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94080
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  3.5 inch, 1.44 Mb floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  WinPatin (Genentech)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/780,562
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/585005
;      FILING DATE:  01/08/97
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  60/
;      FILING DATE:  01/08/97
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Lee, Wendy M.
;      REGISTRATION NUMBER:  40,378
;      REFERENCE/DOCKET NUMBER:  P0986R1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415/225-1994
;      TELEFAX:  415/952-9881
;      TELEX:  910/371-7168
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  896 amino acids
;      TYPE:  Amino Acid
;      TOPOLOGY:  Linear
US-08-780-562-3

  Query Match             99.4%;  Score 4337;  DB 4;  Length 896;
  Best Local Similarity   99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;
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Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
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Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
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Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
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Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
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Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
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Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
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RESULT 2
US-08-780-562-4
; Sequence 4, Application US/08780562
; Patent No. 6541604
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; APPLICANT: Bennett, Brian
; TITLE OF INVENTION: WSX RECEPTOR
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/780,562
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/97
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/
; FILING DATE: 01/08/97
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 923 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
US-08-780-562-4

Query Match 99.4%; Score 4337; DB 4; Length 923;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
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Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
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Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
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Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
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Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
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Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

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Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
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Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
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Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
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Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
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Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
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Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
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Db        781 GEIKWLRISSSVKKYYIHDHF 801
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RESULT 3
US-08-599-455B-4
; Sequence 4, Application US/08599455B
; Patent No. 5972621
;  GENERAL INFORMATION:
;    APPLICANT:  Tartaglia, Louis A.
;    APPLICANT:  Tepper, Robert I.
;    APPLICANT:  Culpepper, Janice A.
;    TITLE OF INVENTION:  METHODS OF IDENTIFYING COMPOUNDS THAT
;    TITLE OF INVENTION:  MODULATE BODY WEIGHT USING THE OB RECEPTOR
;    NUMBER OF SEQUENCES:  44
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson, P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  US
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows95
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/599,455B
;      FILING DATE:  22-JAN-1996
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/583,153
;      FILING DATE:  28-DEC-1995
;      APPLICATION NUMBER:  08/570,142
;      FILING DATE:  11-DEC-1995
;      APPLICATION NUMBER:  08/569,485
;      FILING DATE:  08-DEC-1995
;      APPLICATION NUMBER:  08/566,622
;      FILING DATE:  04-DEC-1995
;      APPLICATION NUMBER:  08/562,663
;      FILING DATE:  27-NOV-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Meiklejohn, Ph.D., Anita L.
;      REGISTRATION NUMBER:  35,283
;      REFERENCE/DOCKET NUMBER:  07334/017001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-542-5070
;      TELEFAX:  617-542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1165 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;    FRAGMENT TYPE:  internal
US-08-599-455B-4

  Query Match           99.4%;  Score 4337;  DB 2;  Length 1165;
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  Best Local Similarity   99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
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Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
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Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
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Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
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Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
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Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
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Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
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Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
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Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
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Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
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Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
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Db        781 GEIKWLRISSSVKKYYIHDHF 801
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RESULT 4
US-09-093-814-1
; Sequence 1, Application US/09093814
; Patent No. 6270981
; GENERAL INFORMATION:
;  APPLICANT:  Carpenter et al.
;  TITLE OF INVENTION:  ASSAY SYSTEMS FOR LEPTIN-ENHANCING AGENTS
;  FILE REFERENCE:  REG 580-A
;  CURRENT APPLICATION NUMBER: US/09/093,814
;  CURRENT FILING DATE:  1998-06-09
;  PRIOR APPLICATION NUMBER:  60/049,108
;  PRIOR FILING DATE:  1997-06-09
;  NUMBER OF SEQ ID NOS:  1
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;  SOFTWARE:  FastSEQ for Windows Version 3.0
; SEQ ID NO 1
;   LENGTH: 1165
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-093-814-1

  Query Match             99.4%;  Score 4337;  DB 3;  Length 1165;
  Best Local Similarity   99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

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Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
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Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
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Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
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Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
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Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
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Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
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Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
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Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
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Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
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Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
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Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
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Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              |||||||||||||||||  |
Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 5
US-09-069-781B-4
; Sequence 4, Application US/09069781B
; Patent No. 6287782
;  GENERAL INFORMATION:
;    APPLICANT:  Tartaglia, Louis A.
;    APPLICANT:  Tepper, Robert I.
;    APPLICANT:  Culpepper, Janice A.
;    APPLICANT:  White, David W.
;    TITLE OF INVENTION:  THE OB RECEPTOR AND METHODS FOR
;    TITLE OF INVENTION:  THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
;    TITLE OF INVENTION:  INCLUDING OBESITY AND CACHEXIA
;    NUMBER OF SEQUENCES:  50
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson, P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  US
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows95
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/069,781B
;      FILING DATE:  29-APRIL-1998
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/864,564
;      FILING DATE:  28-MAY-1997
;      APPLICATION NUMBER:  US 08/708,123
;      FILING DATE:  03-SEP-1996
;      APPLICATION NUMBER:  US 08/638,524
;      FILING DATE:  26-APR-1996
;      APPLICATION NUMBER:  US 08/599,455
;      FILING DATE:  22-JAN-1996
;      APPLICATION NUMBER:  US 08/583,153
;      FILING DATE:  28-DEC-1995
;      APPLICATION NUMBER:  US 08/570,142
;      FILING DATE:  11-DEC-1995
;      APPLICATION NUMBER:  US 08/569,485
;      FILING DATE:  08-DEC-1995
;      APPLICATION NUMBER:  US 08/566,622
;      FILING DATE:  04-DEC-1995
;      APPLICATION NUMBER:  US 08/562,663
;      FILING DATE:  27-NOV-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Meiklejohn, Ph.D., Anita L.
;      REGISTRATION NUMBER:  35,283
;      REFERENCE/DOCKET NUMBER:  07334/082001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (617) 542-5070
;      TELEFAX:  (617) 542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1165 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;    FRAGMENT TYPE:  internal
US-09-069-781B-4

  Query Match             99.4%;  Score 4337;  DB 3;  Length 1165;
  Best Local Similarity   99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
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Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
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Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
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Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
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Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
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Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
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Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
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Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 6
US-08-618-957A-11
; Sequence 11, Application US/08618957A
; Patent No. 6355237
;  GENERAL INFORMATION:
;    APPLICANT:  Snodgrass, H. Ralph
;    APPLICANT:  Cioffi, Joseph
;    APPLICANT:  Zupancic, Thomas Joel
;    APPLICANT:  Shafer, Alan Wayne
;    TITLE OF INVENTION:  METHODS FOR USING THE OBESE
;    TITLE OF INVENTION:  GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC
;    TITLE OF INVENTION:  DEVELOPMENT
;    NUMBER OF SEQUENCES:  28
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Pennie & Edmonds LLP
;      STREET:  1155 Avenue of The Americas
;      CITY:  New York
;      STATE:  NY
;      COUNTRY:  USA
;      ZIP:  10036-2811
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/618,957A
;      FILING DATE:  20-MAR-1996
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Poissant, Brian M.
;      REGISTRATION NUMBER:  28,462
;      REFERENCE/DOCKET NUMBER:  008907-0033-999
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  650-493-4935
;      TELEFAX:  650-493-5556
;      TELEX:  66141 PENNIE
;  INFORMATION FOR SEQ ID NO:  11:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1165 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-618-957A-11

  Query Match           99.4%;  Score 4337;  DB 4;  Length 1165;
  Best Local Similarity   99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
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Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
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Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
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Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
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Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
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Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 7
US-09-137-132-4
; Sequence 4, Application US/09137132
; Patent No. 6380363
;  GENERAL INFORMATION:
;    APPLICANT:  Tartaglia, Louis A.
;    APPLICANT:  Tepper, Robert I.
;    APPLICANT:  Culpepper, Janice A.
;    APPLICANT:  White, David W.
;    TITLE OF INVENTION:  THE OB RECEPTOR AND METHODS FOR
;    TITLE OF INVENTION:  THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
;    TITLE OF INVENTION:  INCLUDING OBESITY AND CACHEXIA
;    NUMBER OF SEQUENCES:  50
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson, P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  US
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows95
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/137,132
;      FILING DATE:  18-AUG-1998
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/864,564
;      FILING DATE:  28-MAY-1997
;      APPLICATION NUMBER:  08/708,123
;      FILING DATE:  03-SEP-1996
;      APPLICATION NUMBER:  08/638,524
;      FILING DATE:  26-APR-1996
;      APPLICATION NUMBER:  08/599,455
;      FILING DATE:  22-JAN-1996
;      APPLICATION NUMBER:  08/583,153
;      FILING DATE:  28-DEC-1995
;      APPLICATION NUMBER:  08/570,142
;      FILING DATE:  11-DEC-1995
;      APPLICATION NUMBER:  08/569,485
;      FILING DATE:  08-DEC-1995
;      APPLICATION NUMBER:  08/566,622
;      FILING DATE:  04-DEC-1995
;      APPLICATION NUMBER:  08/562,663
;      FILING DATE:  27-NOV-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Meiklejohn, Ph.D., Anita L.
;      REGISTRATION NUMBER:  35,283
;      REFERENCE/DOCKET NUMBER:  07334/019004
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-542-5070
;      TELEFAX:  617-542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1165 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;    FRAGMENT TYPE:  internal

US-09-137-132-4

  Query Match             99.4%;  Score 4337;  DB 4;  Length 1165;
  Best Local Similarity   99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
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Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
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Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
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Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
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Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
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Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
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Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
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Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
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Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
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Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
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Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
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Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 8
US-09-094-410-4
; Sequence 4, Application US/09094410
; Patent No. 6403552
;  GENERAL INFORMATION:
;    APPLICANT:  Tartaglia, Louis A.
;    APPLICANT:  Tepper, Robert I.
;    APPLICANT:  Culpepper, Janice A.
;    APPLICANT:  White, David W.
;    TITLE OF INVENTION:  THE OB RECEPTOR AND METHODS FOR
```

```
;    TITLE OF INVENTION:  THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
;    TITLE OF INVENTION:  INCLUDING OBESITY AND CACHEXIA
;    NUMBER OF SEQUENCES:  50
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson, P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  US
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows95
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/094,410
;      FILING DATE:  09-JUN-1998
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/864,564
;      FILING DATE:  28-MAY-1997
;      APPLICATION NUMBER:  08/708,123
;      FILING DATE:  03-SEP-1996
;      APPLICATION NUMBER:  08/638,524
;      FILING DATE:  26-APR-1996
;      APPLICATION NUMBER:  08/599,455
;      FILING DATE:  22-JAN-1996
;      APPLICATION NUMBER:  08/583,153
;      FILING DATE:  28-DEC-1995
;      APPLICATION NUMBER:  08/570,142
;      FILING DATE:  11-DEC-1995
;      APPLICATION NUMBER:  08/569,485
;      FILING DATE:  08-DEC-1995
;      APPLICATION NUMBER:  08/566,622
;      FILING DATE:  04-DEC-1995
;      APPLICATION NUMBER:  08/562,663
;      FILING DATE:  27-NOV-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Meiklejohn, Ph.D., Anita L.
;      REGISTRATION NUMBER:  35,283
;      REFERENCE/DOCKET NUMBER:  07334/019003
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-542-5070
;      TELEFAX:  617-542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1165 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;    FRAGMENT TYPE:  internal
US-09-094-410-4

  Query Match           99.4%;  Score 4337;  DB 4;  Length 1165;
  Best Local Similarity  99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
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Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
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Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
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Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
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Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              |||||||||||||||||| |
Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 9
US-08-708-123D-4
; Sequence 4, Application US/08708123D
; Patent No. 6482927
;  GENERAL INFORMATION:
;    APPLICANT:  Tartaglia, Louis A.
;    APPLICANT:  Tepper, Robert I.
;    APPLICANT:  Culpepper, Janice A.
;    APPLICANT:  White, David W.
;    TITLE OF INVENTION:  THE OB RECEPTOR AND METHODS FOR
;    TITLE OF INVENTION:  THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
;    TITLE OF INVENTION:  INCLUDING OBESITY AND CACHEXIA
;    NUMBER OF SEQUENCES:  50
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson, P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  US
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows95
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/708,123D
;      FILING DATE:  03-SEP-1996
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/638,524
;      FILING DATE:  26-APR-1996
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;      APPLICATION NUMBER:  08/599,455
;      FILING DATE:  22-JAN-1996
;      APPLICATION NUMBER:  08/583,153
;      FILING DATE:  28-DEC-1995
;      APPLICATION NUMBER:  08/570,142
;      FILING DATE:  11-DEC-1995
;      APPLICATION NUMBER:  08/569,485
;      FILING DATE:  08-DEC-1995
;      APPLICATION NUMBER:  08/566,622
;      FILING DATE:  04-DEC-1995
;      APPLICATION NUMBER:  08/562,663
;      FILING DATE:  27-NOV-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Meiklejohn, Ph.D., Anita L.
;      REGISTRATION NUMBER:  35,283
;      REFERENCE/DOCKET NUMBER:  07334/019001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-542-5070
;      TELEFAX:  617-542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1165 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;    FRAGMENT TYPE:  internal
US-08-708-123D-4

  Query Match             99.4%;  Score 4337;  DB 4;  Length 1165;
  Best Local Similarity   99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

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Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
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Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
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Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
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Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
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Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
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Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
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Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
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Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
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Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
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Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

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Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 10
US-08-583-153A-4
; Sequence 4, Application US/08583153A
; Patent No. 6506877
;  GENERAL INFORMATION:
;    APPLICANT:  Tartaglia, Louis A.
;    APPLICANT:  Tepper, Robert I.
;    APPLICANT:  Culpepper, Janice A.
;    TITLE OF INVENTION:  THE OB RECEPTOR AND METHODS FOR THE
;    TITLE OF INVENTION:  DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS, INCLU
;    TITLE OF INVENTION:  OBESITY AND CACHEXIA
;    NUMBER OF SEQUENCES:  41
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  US
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/583,153A
;      FILING DATE:  28-DEC-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/570,142
;      FILING DATE:  11-DEC-1995
;      APPLICATION NUMBER:  08/569,485
;      FILING DATE:  08-DEC-1995
;      APPLICATION NUMBER:  08/566,622
;      FILING DATE:  04-DEC-1995
;      APPLICATION NUMBER:  08/562,663
;      FILING DATE:  27-NOV-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Meiklejohn, Anita L.
;      REGISTRATION NUMBER:  35,283
;      REFERENCE/DOCKET NUMBER:  07334/016001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-542-5070
;      TELEFAX:  617-542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1165 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;    FRAGMENT TYPE:  internal
US-08-583-153A-4

  Query Match             99.4%;  Score 4337;  DB 4;  Length 1165;
  Best Local Similarity   99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;
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Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
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Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
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Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

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RESULT 11
US-08-570-142D-4
; Sequence 4, Application US/08570142D
; Patent No. 6509189
;  GENERAL INFORMATION:
;    APPLICANT:  Tartaglia, Louis A.
;    APPLICANT:  Tepper, Robert I.
;    APPLICANT:  Culpepper, Janice A.
;    TITLE OF INVENTION:  THE OB RECEPTOR AND METHODS FOR THE
;    TITLE OF INVENTION:  DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS, INCLUDING
;    TITLE OF INVENTION:  OBESITY AND CACHEXIA
;    NUMBER OF SEQUENCES:  6
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson, P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  US
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows95
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/570,142D
;      FILING DATE:  11-DEC-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/569,485
;      FILING DATE:  08-DEC-1995
;      APPLICATION NUMBER:  08/566,622
;      FILING DATE:  04-DEC-1995
;      APPLICATION NUMBER:  08/562,663
;      FILING DATE:  27-NOV-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Meikle, John, Ph.D., Anita L.
;      REGISTRATION NUMBER:  35,283
;      REFERENCE/DOCKET NUMBER:  07334/014001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-542-5070
;      TELEFAX:  617-542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1165 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;    FRAGMENT TYPE:  internal
US-08-570-142D-4

  Query Match             99.4%;  Score 4337;  DB 4;  Length 1165;
  Best Local Similarity   99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

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Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
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Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
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Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
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Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

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Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
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Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
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RESULT 12
US-08-780-562-2
; Sequence 2, Application US/08780562
; Patent No. 6541604
;  GENERAL INFORMATION:
;    APPLICANT:  Matthews, William
;    APPLICANT:  Bennett, Brian
;    TITLE OF INVENTION:  WSX RECEPTOR
;    NUMBER OF SEQUENCES:  45
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Genentech, Inc.
;      STREET:  460 Point San Bruno Blvd
;      CITY:  South San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94080
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  3.5 inch, 1.44 Mb floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  WinPatin (Genentech)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/780,562
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/585005
;      FILING DATE:  01/08/97
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  60/
;      FILING DATE:  01/08/97
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Lee, Wendy M.
;      REGISTRATION NUMBER:  40,378
;      REFERENCE/DOCKET NUMBER:  P0986R1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415/225-1994
;      TELEFAX:  415/952-9881
;      TELEX:  910/371-7168
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1165 amino acids
;      TYPE:  Amino Acid
;      TOPOLOGY:  Linear
US-08-780-562-2

  Query Match             99.4%;  Score 4337;  DB 4;  Length 1165;
  Best Local Similarity   99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;
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Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
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Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              |||||||||||||||||  |
Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 13
US-08-638-524B-4
; Sequence 4, Application US/08638524B
; Patent No. 6548269
;  GENERAL INFORMATION:
;    APPLICANT:  Tartaglia, Louis A.
;    APPLICANT:  Tepper, Robert I.
;    APPLICANT:  Culpepper, Janice A.
;    APPLICANT:  White, David W.
;    TITLE OF INVENTION:  THE OB RECEPTOR AND METHODS FOR THE
;    TITLE OF INVENTION:  DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS, INCLU
;    TITLE OF INVENTION:  CACHEXIA
;    NUMBER OF SEQUENCES:  50
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson, P.C.
```

```
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  US
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows95
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/638,524B
;      FILING DATE:  26-APR-1996
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/599,455
;      FILING DATE:  22-JAN-1996
;      APPLICATION NUMBER:  08/583,153
;      FILING DATE:  28-DEC-1995
;      APPLICATION NUMBER:  08/570,142
;      FILING DATE:  11-DEC-1995
;      APPLICATION NUMBER:  08/569,485
;      FILING DATE:  08-DEC-1995
;      APPLICATION NUMBER:  08/566,622
;      FILING DATE:  04-DEC-1995
;      APPLICATION NUMBER:  08/562,663
;      FILING DATE:  27-NOV-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Meiklejohn, Ph.D., Anita L.
;      REGISTRATION NUMBER:  35,283
;      REFERENCE/DOCKET NUMBER:  07334/018001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-542-5070
;      TELEFAX:  617-542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1165 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;    FRAGMENT TYPE:  internal
US-08-638-524B-4

  Query Match             99.4%;  Score 4337;  DB 4;  Length 1165;
  Best Local Similarity   99.8%;  Pred. No. 0;
  Matches  799;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              |||||||||||||||||  |
Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 14
US-08-618-957A-10
; Sequence 10, Application US/08618957A
; Patent No. 6355237
;  GENERAL INFORMATION:
;    APPLICANT:  Snodgrass, H. Ralph
;    APPLICANT:  Cioffi, Joseph
;    APPLICANT:  Zupancic, Thomas Joel
;    APPLICANT:  Shafer, Alan Wayne
;    TITLE OF INVENTION:  METHODS FOR USING THE OBESE
;    TITLE OF INVENTION:  GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC
;    TITLE OF INVENTION:  DEVELOPMENT
;    NUMBER OF SEQUENCES:  28
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Pennie & Edmonds LLP
;      STREET:  1155 Avenue of The Americas
;      CITY:  New York
;      STATE:  NY
;      COUNTRY:  USA
;      ZIP:  10036-2811
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/618,957A
;      FILING DATE:  20-MAR-1996
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Poissant, Brian M.
;      REGISTRATION NUMBER:  28,462
;      REFERENCE/DOCKET NUMBER:  008907-0033-999
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  650-493-4935
;      TELEFAX:  650-493-5556
;      TELEX:  66141 PENNIE
;  INFORMATION FOR SEQ ID NO:  10:
;    SEQUENCE CHARACTERISTICS:
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;      LENGTH:  896 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-618-957A-10

  Query Match             99.1%;  Score 4325;  DB 4;  Length 896;
  Best Local Similarity   99.4%;  Pred. No. 0;
  Matches  796;  Conservative    2;  Mismatches    3;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              |||||||||||||||||||||| |||||||||||||||||||||:||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKATFHCCFRSEQDRNCSLCADNIEGRTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||:||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFRSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              |||||||||||||||||  |
Db        781 GEIKWLRISSSVKKYYIHDHF 801


RESULT 15
US-09-357-914-33
; Sequence 33, Application US/09357914
; Patent No. 6524806
; GENERAL INFORMATION:
;  APPLICANT:  Snodgrass, H. Ralph
;  APPLICANT:  Cioffi, Joseph
;  APPLICANT:  Zupancic, Thomas J.
;  APPLICANT:  Shafer, Alan Wayne
;  TITLE OF INVENTION:  ANTIBODIES SPECIFIC FOR Hu-B1.219, A
;  TITLE OF INVENTION:  NOVEL HUMAN HEMATOPOIETIN RECEPTOR
;  FILE REFERENCE:  8907-0083-999
;  CURRENT APPLICATION NUMBER: US/09/357,914
;  CURRENT FILING DATE:  1999-07-19
;  PRIOR APPLICATION NUMBER:  US 08/693,696
;  PRIOR FILING DATE:  1996-08-05
;  PRIOR APPLICATION NUMBER:  US 08/355,888
;  PRIOR FILING DATE:  1994-12-14
;  PRIOR APPLICATION NUMBER:  US 08/306,231
;  PRIOR FILING DATE:  1994-09-14
;  NUMBER OF SEQ ID NOS:  33
;  SOFTWARE:  FastSEQ for Windows Version 4.0
; SEQ ID NO 33
;   LENGTH: 896
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-357-914-33

  Query Match             99.1%;  Score 4325;  DB 4;  Length 896;
  Best Local Similarity   99.4%;  Pred. No. 0;
  Matches  796;  Conservative    2;  Mismatches    3;  Indels    0;  Gaps    0;

Qy          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60
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Db          1 MICQKFCVVLLHWEFIYVITAFNLSYPITPWRFKLSCMPPNSTYDYFLLPAGLSKNTSNS 60

Qy         61 NGHYETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
              |||||||||||||||||||||| |||||||||||||||||||||:||||||||||||
Db         61 NGHYETAVEPKFNSSGTHFSNLSKATFHCCFRSEQDRNCSLCADNIEGRTFVSTVNSLVF 120

Qy        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 QQIDANWNIQCWLKGDLKLFICYVESLFKNLFRNYNYKVHLLYVLPEVLEDSPLVPQKGS 180

Qy        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFQSPLMSVQPINMVKPDPP 240
              ||||||||||||||||||||||||||||||||||||||||:||||||||||||||||||
Db        181 FQMVHCNCSVHECCECLVPVPTAKLNDTLLMCLKITSGGVIFRSPLMSVQPINMVKPDPP 240

Qy        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 LGLHMEITDDGNLKISWSSPPLVPFPLQYQVKYSENSTTVIREADKIVSATSLLVDSILP 300

Qy        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GSSYEVQVRGKRLDGPGIWSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIYKKENKI 360

Qy        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VPSKEIVWWMNLAEKIPQSQYDVVSDHVSKVTFFNLNETKPRGKFTYDAVYCCNEHECHH 420

Qy        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 RYAELYVIDVNINISCETDGYLTKMTCRWSTSTIQSLAESTLQLRYHRSSLYCSDIPSIH 480

Qy        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP 540

Qy        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600
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Db        541 SSVKAEITINIGLLKISWEKPVFPENNLQFQIRYGLSGKEVQWKMYEVYDAKSKSVSLPV 600

Qy        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
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Db        601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Db        661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720

Qy        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GASVANFNLTFSWPMSKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFIIEWKNLNED 780

Qy        781 GEIKWLRISSSVKKYYIHGKF 801
              |||||||||||||||||  |
Db        781 GEIKWLRISSSVKKYYIHDHF 801
```

Search completed: September 22, 2003, 15:50:45
Job time : 24 secs